

Burling **INSTRUMENTS***Burling Valve Division*

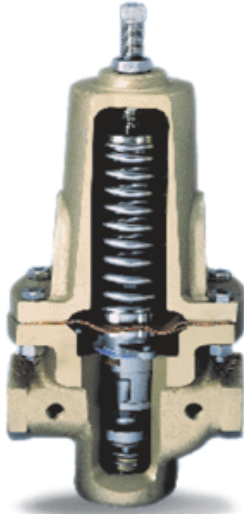
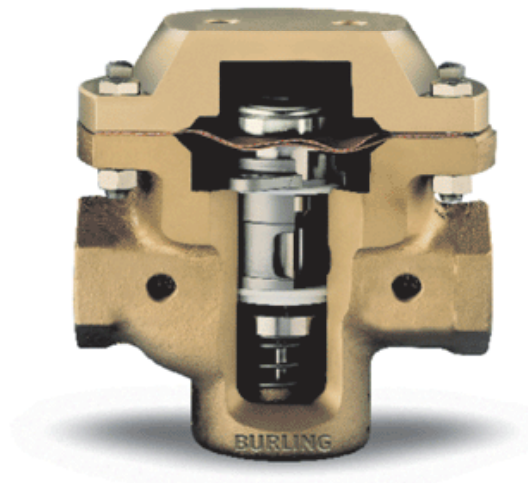
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Series

**BS/BD****SIZES**  
**1/2" - 4"****Direct Acting, Spring Loaded and  
Dome Loaded Pressure Regulating Valves****BS**Series**BD**Series**Specifications** (Subject to change)

- Sizes: 1/2" to 4"
- Body Materials: Cast Iron/Carbon Steel  
Bronze/Stainless Steel/Others
- Trim Material: 17-4ph SS/Monel/Others
- Diaphragm Material: Teflon/Viton/Neoprene  
Fluorosilicone/Others
- Seats: Teflon/Polyurethane/Others
- Cv Range: to 220
- Temperature Limits: -50°F to 450°F
- End Connections: NPT/Flanged/SWE/BWE/Others
- Pressure Regulating or Back Pressure
- Differential Regulating Valves
- Pilot Actuated
- Top Entry Design — Easy In-line Maintenance
- Balanced Trim

**Typical Applications**

- Pressure Reduction — Gas
- Cryogenic Applications, or in Conjunction with  
Burling Temperature Controller, Model HR-A
- Seal Pressurization
- Spray Atomization
- Scrubbers
- Gas Trains
- Replacement of Control Valves
- Pump Discharge
- Filter Discharge Regulators
- HVAC — Steam
- Architectural Fountains
- Air Systems
- CPI Plants; Petroleum Plants
- Atmospheric Bulk Gases

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